

According to further another aspect of the present invention, there is provided a second solar battery module production method which ~~comprises~~ includes: utilizing a production apparatus including a heating belt and a press belt disposed in opposed relation and a resilient member which biases the heating belt and the press belt toward each other, and adapted to control the heating belt and the press belt at predetermined temperatures; holding a plurality of solar battery cells and interconnectors required for connection of the solar battery cells between the heating belt and the press belt in a properly positioned state; and soldering the interconnectors to the solar battery cells while transporting the solar battery cells and the interconnectors.

In the second production method ~~according to the present invention~~, the solar battery cells and the interconnectors properly positioned are held between the heating belt and the press belt, and soldered while being transported. Therefore, the interconnectors can be efficiently soldered to the solar battery cells with high productivity.

Change(s) applied
to document,

/M.C./ **Please amend the paragraphs beginning at page 11, line 21 through**
1/5/2012 ^{line 11}
page 12, line 9, as follows:

In the second solar battery module production method ~~according to the present invention~~, the resilient member may be a leaf spring.

According to still another aspect ~~of the present invention~~, there is provided a second solar battery module production apparatus to be used for the second solar battery module production method, the production apparatus

including a solar battery string sealed in a transparent resin and attached to a frame.

Please amend the paragraph beginning at page 8, line 1, as follows:

In the first solar battery module production method according to the present invention, at least a surface of the positioning belt may be composed of a resin.

Change(s) applied
to document,

/M.C./ ***Please amend the paragraphs beginning at page 8, line 24 through page 11, line 7, as follows:***

In the first solar battery module production method according to the present invention, the positioning belt may have vacuum suction holes for transporting the solar battery cells and the interconnectors positioned on the upstream portion of the positioning belt to the downstream portion of the positioning belt in a properly positioned state.

In the first solar battery module production method according to the present invention, the heating belt and the press belt may each be composed of a thin metal.

In the first solar battery module production method according to the present invention, opposed portions of the heating belt and the press belt may be surrounded by a shroud, and the inside of the shroud may be kept in a nitrogen atmosphere.

Change(s) applied

to document,

/M.C./

1/5/2012

Please amend the paragraphs beginning at page 5, line 13 through page 6, line 12, as follows:

BEST MODE FOR IMPLEMENTING THE PRESENT INVENTION DETAILS

A first production method for a solar battery module according to the present invention comprises the steps of includes: utilizing a production apparatus which includes a positioning belt and a heating belt located adjacent each other in a transferable manner and a press belt extending over the positioning belt and the heating belt in opposed relation to the positioning belt and the heating belt, and is adapted to control the heating belt and the press belt at predetermined temperatures; positioning a plurality of solar battery cells and interconnectors required for connection of the solar battery cells on an upstream portion of the positioning belt and transporting the solar battery cells and the interconnectors to a downstream portion of the positioning belt; transferring the solar battery cells and the interconnectors transported to the downstream portion of the positioning belt onto the heating belt while holding the solar battery cells and the interconnectors between the positioning belt and the press belt; and holding the solar battery cells and the interconnectors transferred onto the heating belt between the heating belt and the press belt and soldering the interconnectors to the solar battery cells while transporting the solar battery cells and the interconnectors.

In the present invention this disclosure, the solar battery module is herein defined as a solar battery string including a plurality of solar battery cells electrically connected to one another by interconnectors, or a module

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 1, line 6, as follows:

The ~~present invention~~ disclosed technology relates to a solar battery module production method and a solar battery module production apparatus and, more specifically, to a production method and a production apparatus which improve productivity in production of solar battery modules.

Please amend the paragraph beginning at page 1, line 13, as follows:

~~Known as the prior art related to the present invention is a~~ A solar battery module ~~which~~ includes a plurality of solar battery cells connected in series by bonding interconnectors to electrodes of the solar battery cells by electric welding (see, for example, Japanese Unexamined Patent Publication No. SHO62(1987)-42468).

Change(s) applied
to document,

/M.C./ ***Please amend the paragraphs beginning at page 2, line 18 through page 1/5/2012 4, line 7
3, line 22, as follows:***

DISCLOSURE OF THE INVENTION SUMMARY

In view of the foregoing, an aspect the present invention provides a solar battery module production method and a solar battery module production apparatus which ensure that solar battery cells are efficiently connected to one another with high productivity.

According to the present invention In an embodiment, there is provided a first solar battery module production method which comprises the steps of: